



Commonwealth of Virginia

VIRGINIA DEPARTMENT OF ENVIRONMENTAL QUALITY

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**SOLID WASTE FACILITY PERMIT
PERMIT NUMBER 584**

Facility Name: Prince Edward County Sanitary Landfill

Facility Type: Sanitary Landfill

Latitude: N 37° 17' 05"

Site Location: Prince Edward County

Longitude: W 78° 29' 30"

Location Description: The facility is located approximately five miles west of the Town of Farmville, Virginia, off State Route 648, approximately 1.5 miles south of U.S. 460.

Background: The facility is a publicly owned sanitary landfill that serves the residents of Prince Edward County, the Town of Farmville, and the nearby counties of Buckingham and Cumberland. The wastes accepted include those wastes identified in Module II, which is based on the information provided on DEQ Form SW PTB dated January 27, 2023.

The total capacity of Cells A-F, as provided in the Design Report, Part B Attachment III, is approximately 1,805,954 cubic yards. The estimated site life for Cells A-F is approximately 27 years, until 2030. This landfill life is based on the daily disposal limit of 300 tons per day, operating 308 days per year, and a compaction value of 1200 pounds per cubic yard.

The total acreage of the site is 99.43 acres, including previously filled areas. The facility is composed of three disposal areas: a closed disposal unit that operated under SWP420, a separate disposal unit to the south of the SWP420 area that was closed prior to 1988, and the current disposal area. The current disposal area consists of Cells A-F, which totals 21.47 acres of permitted acreage.

Permit Modification: This modification involves increasing the daily disposal limit from 175 tons per day to 300 tons per day, and modifies the groundwater Corrective Action Plan and Corrective Action Monitoring Plans to revise the constituents of concern, and the corrective action monitoring network. All previous permit modifications are outlined in detail in Module I, Section I.G.

THIS IS TO CERTIFY THAT:

Prince Edward County
P.O. Box 382
Farmville, Virginia 23901

is hereby granted a permit to construct, operate, and maintain the facility as described in the attached Permit Modules I, II, and XIV and Permit Documents incorporated by reference. These Permit Modules and Permit Documents are as referenced hereinafter and are incorporated into and become a part of this permit.

The herein described activity is to be established, modified, constructed, installed, operated, used, maintained, and closed in accordance with the terms and conditions of this permit and plans, specifications, and reports submitted and cited in the permit. The facility shall comply with all regulations of the Virginia Waste Management Board. In accordance with Chapter 14, § 10.1 - 1408.1(D) of the Code of Virginia, prior to issuing this permit, any comments by the local government and general public have been investigated and evaluated and it has been determined that the facility poses no substantial present or potential danger to human health or the environment. The permit contains such conditions and requirements as are deemed necessary to comply with the requirements of the Virginia Code, the regulations of the Board, and to prevent substantial or present danger to human health or the environment.

Failure to comply with the terms and conditions of this permit shall constitute grounds for the revocation or suspension of this permit and for the initiation of necessary enforcement actions.

The permit is issued in accordance with the provisions of 10.1-1408.1.A, Chapter 14, Title 10.1, Code of Virginia (1950) as amended. Variances that have been approved for this facility are included in Permit Attachment I-1.

Permit No. 420 Issued: November 4, 1987	Modification No. 6: June 27, 2006 (major)
Permit No. 584 Issued: July 6, 1995	Modification No. 7: August 15, 2007 (minor)
Modification No. 1: July 30, 1998 (minor)	Modification No. 8: October 1, 2008 (minor)
Modification No. 2: October 5, 1999 (minor)	Modification No. 9: February 14, 2013 (minor)
Modification No. 3: June 15, 2004 (major)	Modification No. 10: March 11, 2014 (major)
Modification No. 4: December 16, 2004 (minor)	Modification No. 11: October 28, 2015 (minor)
Modification No. 5: March 7, 2006 (minor)	Modification No. 12: August 11, 2021 (major)

APPROVED:

Shawn Weimer
Land Protection Program Manager

DATE:

Modification No. 13

PERMIT MODULES REFERENCE LIST

PERMIT MODULE I – GENERAL PERMIT CONDITIONS

PERMIT ATTACHMENT I-1, PREVIOUS PERMIT APPROVAL LETTERS

PERMIT MODULE II – CONDITIONS OF OPERATION

PERMIT MODULE III – SANITARY LANDFILL DESIGN

PERMIT MODULE X – DETECTION MONITORING

PERMIT MODULE XI – ASSESSMENT MONITORING

PERMIT MODULE XII – CLOSURE

PERMIT MODULE XIII – POST CLOSURE CARE

PERMIT MODULE XIV – CORRECTIVE ACTION

PERMIT DOCUMENTS

The documents listed below are hereby incorporated into this permit and the permittee is subject to all conditions contained therein. It is the responsibility of the permittee to properly maintain and update these documents. Any version with a revision date other than as listed below is not considered to be the official approved version and is subject to Department review and approval prior to being recognized as the “permitted” version.

1. Part B Application:
 - a. *Design Plans Prince Edward County Sanitary Landfill, Prince Edward, Virginia, Part B Application Drawings, Permit # 584*, prepared by Resource International, LTD., last revised August 27, 2013 (Attachment III).
 - b. *Closure Plan*, Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., last revised by LaBella Associates, D.P.C. (LaBella) on January 27, 2023 (Attachment IV).
 - c. *Post-Closure Plan*, Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., April 26, 2021 (Attachment V).
 - d. *Design Report*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., last revised by LaBella on January 27, 2023 (Attachment VI).
 - e. *Construction Quality Assurance Plan and Technical Specifications*, Prince Edward County Sanitary Landfill, Permit No. 584, prepared by Resource International, LTD., last revised May 1, 2013 (Attachment VII).
 - f. *Leachate Management Plan*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., dated May 1, 2013 (Attachment VIII).
 - g. *Landfill Gas Management Plan*, Prince Edward County Sanitary Landfill, prepared by Resource International, LTD., last revised August 27, 2013 (Attachment IX).
 - h. *Groundwater Monitoring and Sampling Analysis Plan*, Prince Edward County Landfill, prepared by Resource International, LTD., last revised December 20, 2012 (Attachment X).
 - i. *Groundwater Corrective Action Plan*, prepared by LaBella, dated November 21, 2022; and *Corrective Action Monitoring Plan*, prepared by LaBella, dated November 21, 2022 (Attachment XI).

The following documents have been submitted to satisfy permit or regulatory requirements; however, they are considered reference documents and are not incorporated into Permit No. 584. This list may not be all-inclusive.

1. *Part A Permit Application*, prepared by Resource International, LTD., approved September 14, 1992.
2. *Construction Quality Assurance Report, Cell D*, prepared by Resource International, LTD.,

dated September 2008.